

Mineral Industry Surveys

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GYPSUM IN JUNE 2003

Producers mined 1.34 million metric tons (Mt) of gypsum in June 2003 (table 1). Output was 5% less than that of May 2003 and 25% more than that of June 2002. Synthetic gypsum production was 710,000 metric tons (t) in June 2003 (table 1), which was 12% more than that of May 2003 and 92% more than that of June 2002. The increased synthetic gypsum production over that of 2002 is due to new synthetic-gypsum-sourced wallboard plants that came online in 2003. Both mined and synthetic gypsum are used as raw material for wallboard. During January through May 2003, synthetic gypsum accounted for 3.28 Mt, or about 26% of the 12.8 Mt supply of gypsum in the United States. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 505,000 t (table 2), 19% less than that of May 2003, and 23% less than that of June 2002.

Output of calcined gypsum (table 1) was 1.74 Mt, 2% less than that of May 2003, and 12% more than that of June 2002.

Sales of board products were about 2.6 billion square feet (238 million square meters), slightly less than that of May 2003, and 19% more than that of June 2002.

Import and export data for June 2003 were not available at the time of publication. Imports of crude gypsum in May 2003 were 594,000 t (table 3), 10% less than that of April 2003, and 21% less than that of May 2002. Gypsum wallboard imports, principally from Canada, for May 2003 were 35,000 t, equivalent to 42 million square feet (3.9 million square meters). These imports were 9% more than that of April 2003, and 19% less than those of May 2002. Wallboard exports to 24 countries and territories in May 2003 were 4,400 t, equivalent to 5.3 million square feet (490,000 square meters). These exports were 33% more than those of April 2003, and 2% more than those of May 2002.

TABLE 1
GYPSUM SUPPLY^{1, 2}

(Metric tons)

	2003			2002
	June	May	January-June	January-June
Crude:				
Mined: ³	1,340,000	1,410,000	8,000,000	7,570,000
Imported ⁴	NA	594,000	NA	3,990,000
Exported ⁴	NA	11,100	NA	61,800
Synthetic gypsum ⁵	710,000	632,000	3,990,000	2,580,000
Total supply	NA	2,620,000	NA	14,100,000
Calcined:				
Produced	1,740,000	1,770,000	9,410,000	10,700,000
Imported ⁶	NA	1,010	NA	10,300
Exported ⁶	NA	13,400	NA	117,000
Total supply	NA	1,760,000	NA	10,800,000

NA Not available.

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Some data were estimated from semiannual reports.

⁴Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

⁵Reported production only.

⁶Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE^{1, 2}

(Metric tons, unless otherwise specified)

	2003			2002
	June	May	January-June	January-June
Uncalcined: ³				
Portland cement	335,000	405,000	1,820,000	1,850,000
Agriculture and miscellaneous	170,000	221,000	1,220,000	1,330,000
Total	505,000	626,000	3,040,000	3,180,000
Calcined:				
Board products ⁴	2,140,000	2,150,000	12,800,000	12,600,000
Plaster	13,000	28,000	153,000	190,000
Total	2,150,000	2,170,000	13,000,000	12,800,000
Board products: (Thousand square feet) ⁵				
Regular board	1,540,000	1,540,000	9,270,000	8,920,000
Type X board	784,000	791,000	4,670,000	4,680,000
Other	238,000	246,000	1,430,000	1,560,000
Total supply	2,560,000	2,580,000	15,400,000	15,200,000

¹Includes data from the Gypsum Association.

²Data are rounded to no more than three significant digits; may not add to totals shown.

³Does not include synthetic gypsum from electric power plants.

⁴Includes weight of paper and other materials.

⁵One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION¹

(Metric tons)

Country of origin	2003			2002
	May	April	January-May	January-May
Argentina	--	--	18	--
Austria	--	--	14	--
Canada	416,000	485,000	1,960,000	2,360,000
Dominican Republic	--	--	38,500	--
Guatemala	--	--	22	--
Italy	--	10	10	--
Japan	--	--	--	3
Korea, Republic of	--	--	--	270
Mexico	111,000	148,000	646,000	782,000
Spain	67,400	31,100	318,000	323,000
Sweden	--	--	2	--
United Kingdom	--	--	18	53
Total	594,000	663,000	2,960,000	3,460,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES^{1,2}

(Thousand metric tons)

Period	Consumption ³	Production ⁴	Imports ⁵	Exports ⁵
2002:				
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	2,190	1,570	631	14
October	2,020	1,470	569	18
November	1,970	1,250	730	13
December	1,740	1,210	548	15
January-December	23,300	15,700	7,970	343
2003:				
January	2,090	1,550	555	16
February	1,810	1,340	478	16
March	1,670	1,010	668	12
April	1,990	1,350	663	14
May	1,990	1,410	594	11
June	NA	1,340	NA	NA

NA Not available.

¹Excludes synthetic gypsum.

²Data are rounded to no more than three significant digits.

³Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

⁴Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvass of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

⁵Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS^{1, 2}

(Thousand square feet)³

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2003:											
June:											
Lath	--	23	1	--	2	--	--	--	55	--	80
Veneer base	20,000	2,550	8,280	953	7,930	44	142	219	1,500	73	41,700
Sheathing	1,330	3,920	3,750	4,720	10,400	2,410	8,190	4,860	8,700	1,080	49,400
Regular gypsum board	36,300	131,000	203,000	97,200	419,000	109,000	201,000	138,000	180,000	25,200	1,540,000
Type X gypsum board	24,100	76,000	116,000	61,000	118,000	25,300	86,200	97,000	174,000	7,340	784,000
Predecorated board	404	734	901	445	1,020	386	1,030	410	748	7	6,090
5/16 Mobile home board	--	1,860	6,550	6	9,120	12,900	7,370	1,260	1,290	--	40,400
Water/moisture resistant board	4,330	17,000	12,600	4,980	21,300	3,730	10,500	8,790	14,700	2,380	100,000
Total	86,400	233,000	351,000	169,000	587,000	154,000	314,000	251,000	381,000	36,100	2,560,000
January-June:											
Lath	16	138	104	2	42	6	--	--	308	--	616
Veneer base	124,000	15,600	45,500	5,070	49,700	228	709	2,060	9,760	167	253,000
Sheathing	6,640	20,000	22,100	28,700	59,600	12,600	53,400	31,600	52,200	5,240	292,000
Regular gypsum board	233,000	804,000	1,260,000	618,000	2,530,000	617,000	1,160,000	855,000	1,070,000	133,000	9,270,000
Type X gypsum board	140,000	464,000	696,000	386,000	731,000	153,000	503,000	564,000	989,000	42,900	4,670,000
Predecorated board	2,210	3,640	5,590	3,060	6,890	2,160	5,240	2,330	3,990	490	35,600
5/16 Mobile home board	--	7,480	34,800	16	61,500	84,600	39,600	7,700	6,430	185	242,000
Water/moisture resistant board	26,800	102,000	81,100	34,400	126,000	22,800	62,400	49,300	83,200	16,000	605,000
Total	532,000	1,420,000	2,140,000	1,080,000	3,560,000	892,000	1,820,000	1,510,000	2,220,000	198,000	15,400,000

-- Zero.

¹Data are rounded to no more than three significant digits; may not add to totals shown.

²Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

³One square meter equals 10.78 square feet.

Source: Gypsum Association.